UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS PO Box 1459 Alexandra, Vigonia 22313-1450 www.naptiegov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 07/28/2003

Donald J. Pagel Suite 207 586 N. First Street San Jose, CA 95112 EXAMINER

DOUGHERTY, THOMAS M

ART UNIT CLASS-SUBCLASS

2834 310-323190

DATE MAILED: 07/28/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/964,596	09/26/2001	Mark J. Beck	99-112	2388

TITLE OF INVENTION: MEGASONIC TRANSDUCER WITH FOCUSED ENERGY RESONATOR

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$650	\$300	\$950	10/28/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED, THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fec(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents
Alexandria, Virginia 22313-1450
Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where

indicated unless corrected be maintenance fee notifications	elow or directed otherwi-	se in Block 1, by (a) sp	ecifying a new co	orrespondence add	ress; and/or (b) indicating a sepa	rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE	ADDRESS (Note: Legibly mark	-up with any corrections or use l	Block T)	Fee(s) Transmir accompanying p	te of mailing can only be used fo ttal. This certificate cannot bapers. Each additional paper, s	be used for any other uch as an assignment or
Donald J. Pagel				formal drawing,	must have its own certificate of n	iailing or transmission.
Suite 207				I baarba aawiii.	Certificate of Mailing or Trans	
586 N. First Street				United States Po	that this Fee(s) Transmittal is stal Service with sufficient postar	being deposited with the
San Jose, CA 95112	1			envelope address transmitted to the	stal Service with sufficient postay sed to the Box Issue Fee address e USPTO, on the date indicated b	above, or being facsimile elow.
						(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE	FIRS	ST NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/964,596	09/26/2001		Mark J. Beck		99-112	2388
TITLE OF INVENTION: MI	EGASONIC TRANSDUC	CER WITH FOCUSED I	ENERGY RESON	ATOR		
nonprovisional	SMALL ENTITY YES	ISSUE FEE S650	PUBL	S300	TOTAL FEE(S) DUE \$950	DATE DUE
	1 L.3	3030		3300	3 930	10/28/2003
EXAMIN		ART UNIT	CLASS-SUBCI			
DOUGHERTY, T	THOMAS M	2834	310-32319	20		
1. Change of correspondence CFR 1.363).	ee address or indication of	"Fee Address" (37		on the patent from		
☐ Change of corresponder Address form PTO/SB/12	nce address (or Change of 2) attached.	Correspondence	or agents OR, alternatively, (2) the name of a single firm (having as a member a registered			
"Fee Address" indication PTO/SB/47; Rev 03-02 of Number is required.	on (or "Fee Address" Indic r more recent) attached. U	cation form Jse of a Customer	registered pater	ent) and the nam it attorneys or age: ne will be printed.		
3. ASSIGNEE NAME AND	RESIDENCE DATA TO	BE PRINTED ON THE	PATENT (print o	r type)		
PLEASE NOTE: Unless an	assignee is identified he	low no assignee data w	ill annear on the r	natent Inclusion of	f assignee data is only appropriat OT a substitute for filing an assig	e when an assignment has
(A) NAME OF ASSIGNEE				and STATE OR		nment.
Please check the appropriate	assignee category or cate	gories (will not be printe	d on the patent)	☐ individual	Corporation or other private gr	roup entity
4a. The following fee(s) are e	enclosed:	4b. Pay	ment of Fee(s):		<u> </u>	
☐ Issue Fee		🔾 A cl	neck in the amoun	of the fee(s) is en	closed.	
☐ Publication Fee		•	•	i. Form PTO-2038		
Advance Order - # of Co	pies	The Deposi	Commissioner is it Account Number	hereby authorized l	by charge the required fee(s), or c (enclose an extra copy of this	redit any overpayment, to form).
Commissioner for Patents is a	requested to apply the Issu	ue Fee and Publication F	ee (if any) or to re	-apply any previou	usly paid issue fee to the applicati	
(Authorized Signature)		(Date)				
NOTE; The Issue Fee and other than the applicant; a interest as shown by the rec	registered attorney or a	ivent: or the assignee o	r other narty in			
This collection of informat obtain or retain a benefit b	ion is required by 37 CF by the public which is to	R 1.311. The information file (and by the USPT)	on is required to O to process) an			
application. Commentantly estimated to take 12 minute completed application form case. Any comments on t suggestions for reducing the Patent and Trademark O 22313-1450. DO NOT SE SEND TO: Commissioner 6	es to complete, including to the USPTO. Time volume amount of time you	gathering, preparing, an vill vary depending upo	d submitting the n the individual	10		
suggestions for reducing the	is burden, should be sen office, U.S. Department	t to the Chief Informati	on Officer, U.S.			
SEND TO: Commissioner fi Under the Paperwork Red	of facility, Alexandria, v	uginia 22515-1450.				
collection of information un	dess it displays a valid Of	MB control number.	to respond to a			



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS PO Foo 1450 Alexandra, Virgines 22313-1450 www.urpto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/964,596	09/26/2001	Mark J. Beck	99-112	2388	
75	90 07/28/2003		EXAMIN	ER	
Donald J. Pagel	VII ZWA		DOUGHERTY, T	THOMAS M	
Suite 207 586 N. First Street			ART UNIT	PAPER NUMBER	
San Jose, CA 95112	2		2834		
			DATE MAILED: 07/28/2003		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 14-9 Alexandra, Vinginia 22313-1450 www.uspio.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/964,596	09/26/2001	Mark J. Beck	99-112	2388	
75	90 07/28/2003		EXAMIN	ER	
Donald J. Pagel			DOUGHERTY, THOMAS M		
Suite 207 586 N. First Street			ART UNIT	PAPER NUMBER	
San Jose, CA 95112			2834		
UNITED STATES			DATE MAIL ED: 07/28/2003		

Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fec(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fcc schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fec(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fec(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fec(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.